

Title (en)

BLOCK COPOLYMER AND PRODUCTION METHOD FOR BLOCK COPOLYMER

Title (de)

BLOCKCOPOLYMER UND VERFAHREN ZUR HERSTELLUNG EINES BLOCKCOPOLYMERS

Title (fr)

COPOLYMÈRE SÉQUENCÉ ET PROCÉDÉ DE PRODUCTION DE COPOLYMÈRE SÉQUENCÉ

Publication

EP 3663324 A4 20201223 (EN)

Application

EP 18842107 A 20180731

Priority

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- JP 2018028692 W 20180731

Abstract (en)

[origin: EP3663324A1] The present invention provides a block copolymer of an acrylate polymer and a chloroprene polymer, having a number average molecular weight of 110,000 or more, and suitable for industrial production and suitable for a rubber composition or a vulcanized product thereof. A block copolymer including one or more blocks of an acrylate polymer and one or more blocks of a chloroprene polymer, wherein the number average molecular weight of the block copolymer is 110,000 or more, the number average molecular weight of the block of a chloroprene polymer is 80,000 or more in total, and the block copolymer has a functional group with a structure represented by the following chemical formula (1) or (2): wherein in the chemical formula (1), $R^{>1}$ represents hydrogen, chlorine, a substituted or unsubstituted alkyl group, a substituted or unsubstituted alkenyl group, a substituted or unsubstituted aryl group or a substituted, or unsubstituted heterocyclyl group.

IPC 8 full level

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CPC (source: EP US)

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C-Set (source: EP)

C08K 3/04 + **C08L 11/00**

Citation (search report)

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- [E] EP 3656795 A1 20200527 - DENKA COMPANY LTD [JP]
- See also references of WO 2019026914A1

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